

What is claimed:

1. A surgical instrument for ultrasonic or sonic treatment, comprising a tool tip holder; and a tool tip having a fixation end and a treatment section, wherein said treatment section is adapted to perform a surgical function selected from the group consisting of reflecting periosteum from a tooth or a bone, abrading away at least a portion of a bone, cutting and lifting soft tissue mass in close proximity to a tooth or a bone, abrading away at least a portion of a tooth or a cartilage, beveling the root tip of a tooth, removing a root tip of a tooth, separating periodontal ligament fibers from a root surface and the bony housing surrounding a root while inhibiting the transfer of heat to surrounding body masses, sectioning a tooth, and removing at least a portion of a tooth lodged in a root surface or bony housing surrounding a root while inhibiting the transfer of heat to surrounding body masses, wherein said tool tip holder is adapted to removably couple said tool tip holder to an ultrasonic or sonic vibrating member.
2. A surgical instrument as recited in Claim 1, wherein said tool tip holder comprises a shaft comprising an attachment end, a coupling end, and an irrigation spout, wherein said coupling end is adapted to removably couple said tool tip holder to an ultrasonic or sonic vibrating member, wherein said irrigation spout is adapted to eject water supplied by the vibrating member to a location near a surgical site area during surgery, and wherein said attachment end is adapted to be permanently attached to said fixation end of said tool tip.
3. A surgical instrument as recited in Claim 1, wherein said tool tip holder comprises a universal tip holder comprising an irrigation spout, a transmitting end, and a coupling end, wherein said transmitting end is adapted to be removably coupled to said fixation end of said tool tip, wherein said coupling end is adapted to be removably coupled to a sonic or ultrasonic vibrating member, and wherein said irrigation spout is adapted to eject water supplied by the vibrating member to a location near a surgical site area during surgery.

4. A surgical instrument as recited in Claim 1, wherein said tool tip has a treatment section selected from the group consisting of a treatment section having the shape of a periosteal elevator, a curette, a bur, a round end tapered bur, a flat end cylinder bur, a round end bur, a root elevator, and a root tip elevator.
5. A surgical instrument as recited in Claim 1, wherein said tool tip comprises a periosteal elevator adapted to reflect periosteum from a tooth or a bone.
6. A surgical instrument as recited in Claim 1, wherein said tool tip comprises a curve-shaped bone cutter having a round end bur shape adapted to abrade away at least a portion of a bone.
7. A surgical instrument as recited in Claim 1, wherein said tool tip comprises a straight-shaped bone cutter having a round end bur shape adapted to abrade away at least a portion of a bone.
8. A surgical instrument as recited in Claim 1, wherein said tool tip comprises a curette adapted to lift and displace vascular soft tissue mass in close proximity to a tooth or a bone.
9. A surgical instrument as recited in Claim 1, wherein said tool tip is a bur adapted to abrade away at least a portion of a tooth, a bone, or calcified cartilage.
10. A surgical instrument as recited in Claim 9, wherein said bur is coated with cubic zirconia.

11. A surgical instrument as recited in Claim 9, wherein said bur is coated with diamonds.

12. A surgical instrument as recited in Claim 9, wherein said bur is coated with steel chips.

13. A surgical instrument as recited in Claim 1, wherein said tool tip comprises a bur adapted to abrade away at least a portion of a tooth to form a beveled or flat tooth surface.

14. A surgical instrument as recited in Claim 13, wherein said bur is coated with diamonds.

15. A surgical instrument as recited in Claim 13, wherein said bur is coated with cubic zirconia.

16. A surgical instrument as recited in Claim 13, wherein said bur is coated with steel chips.

17. A surgical instrument as recited in Claim 1, wherein said tool tip is a root elevator comprising a cutting surface and a noncutting surface having a dampener; wherein said root elevator is adapted to separate periodontal ligament fibers from a root surface and the bony housing surrounding the root; and wherein said dampener is adapted to inhibit the transference of heat generated at the cutting surface to surrounding tissues, teeth, and bones.

18. A surgical instrument as recited in Claim 1, wherein said tool tip is a root tip elevator comprising a cutting surface and a noncutting surface having a dampener; wherein said root tip elevator is adapted to remove at least a portion of a tooth lodged in the root surface or bony housing surround the root; and wherein said dampener is adapted to inhibit the transfer of heat generated at the cutting surface to surrounding tissues, teeth, and bones.

19. A surgical instrument as recited in Claim 18, wherein said dampener is made from a material selected from the group consisting of ceramic, polytetrafluoroethylene, polyester, and polypropylene.

20. A surgical instrument as recited in Claim 1, additionally comprising a sonic vibrating member adapted to transmit oscillations to said tool tip at a frequency between about 5,000 and about 20,000 Hz.

21. A surgical instrument as recited in Claim 1, additionally comprising an ultrasonic vibrating member adapted to transmit oscillations to said tool tip at a frequency between about 20,000 and about 30,000 Hz.